

IN THE SPECIFICATION

Please amend the specification as follows:

Page 2, line 19, delete "SUMMARY OF THE INVENTION".

Page 6, line 16, insert --SUMMARY OF THE INVENTION--.

Please replace the paragraph beginning at page 13, line 4, with the following rewritten paragraph as follows:

✓ The environment recognition processing 111 employed in a device acquires information on the environment where the device exists through a sensor 131, recognizes the positional relationship between the device and the surrounding devices based on the acquired environmental information, and supplies the recognition results to the link control processing 113. Here, the sensor 131 may be of a type which can not only acquire information from the environment but also send information around and receive information sent as a response so as to actively acquire information. Furthermore, by utilizing map information 121 used in the environment recognition processing, it is possible to recognize the relationship between a device and its surrounding devices and determine the surrounding devices. To recognize the environment, the embodiments described below provide two methods: one in which only information acquired through the sensor 131 is used and the other in which information on other devices acquired through the communication processing 112 is also used. However, other methods may be used to obtain environmental information. ✓